



US009134877B2

(12) **United States Patent**
Gimpl et al.

(10) **Patent No.:** **US 9,134,877 B2**
(45) **Date of Patent:** **Sep. 15, 2015**

(54) **KEEPING FOCUS AT THE TOP OF THE DEVICE WHEN IN LANDSCAPE ORIENTATION**

(75) Inventors: **Martin Gimpl**, Helsinki (FI); **Rodney Wayne Schrock**, San Diego, CA (US); **Sanjiv Sirpal**, Oakville (CA)

(73) Assignee: **Z124**, George Town (KY)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 167 days.

(21) Appl. No.: **13/247,815**

(22) Filed: **Sep. 28, 2011**

(65) **Prior Publication Data**

US 2012/0084712 A1 Apr. 5, 2012

Related U.S. Application Data

(60) Provisional application No. 61/539,884, filed on Sep. 27, 2011, provisional application No. 61/458,150, filed on Nov. 17, 2010, provisional application No. 61/389,000, filed on Oct. 1, 2010, provisional application No. 61/389,117, filed on Oct. 1, 2010, provisional application No. 61/389,087, filed on Oct. 1, 2010.

(51) **Int. Cl.**

- G06F 3/041** (2006.01)
- G06F 3/0481** (2013.01)
- G06F 3/048** (2013.01)
- G06F 1/16** (2006.01)
- G06F 3/0483** (2013.01)
- G06F 3/0488** (2013.01)
- G06F 3/01** (2006.01)
- G06F 3/0484** (2013.01)
- G06F 3/14** (2006.01)

(52) **U.S. Cl.**

CPC **G06F 3/0481** (2013.01); **G06F 1/16** (2013.01); **G06F 1/1616** (2013.01); **G06F**

I/1641 (2013.01); **G06F 1/1677** (2013.01); **G06F 3/017** (2013.01); **G06F 3/048** (2013.01); **G06F 3/0412** (2013.01); **G06F 3/0483** (2013.01); **G06F 3/0484** (2013.01); **G06F 3/0488** (2013.01); **G06F 3/04812** (2013.01); **G06F 3/04842** (2013.01); **G06F 3/04883** (2013.01); **G06F 3/04886** (2013.01); **G06F 3/1423** (2013.01); **G06F 2200/1614** (2013.01)

(58) **Field of Classification Search**

None
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,227,771 A	7/1993	Kerr et al.	
5,467,102 A	11/1995	Kuno et al.	
5,847,698 A	12/1998	Reavey et al.	
7,289,084 B2 *	10/2007	Lesniak	345/1.1
RE40,821 E	7/2009	Narayanaswamy et al.	
8,046,701 B2	10/2011	Chiu et al.	

(Continued)

OTHER PUBLICATIONS

U.S. Appl. No. 13/187,026, filed Jul. 20, 2011, Chen.

(Continued)

Primary Examiner — Xiao Wu

Assistant Examiner — Steven Elbinger

(74) *Attorney, Agent, or Firm* — Sheridan Ross P.C.

(57) **ABSTRACT**

Systems and methods are provides for adjusting focus during an orientation change. A full screen window has focus before the orientation change. After the device is oriented in the landscape orientation, the focus is maintained on the window. However, a configurable area associated with at least one screen that displays the full screen window is changed to display the configurable area on the screen that is at the top of the device.

20 Claims, 26 Drawing Sheets

